Claims

1. A mobile radio set comprising: a first housing and a second housing including any of a transmitter circuit section, a receiver circuit section, and a radio circuit section; a flexible cable providing a connection between a circuit section of said first housing and a circuit section of said second housing; an antenna that is electrically connected to said radio circuit section, and is located at the end of said second housing remote from said first housing; a bottom board cable providing a connection between bottom boards of said first housing and second housing; and a variable load that is inserted in series in said bottom board cable.

2. The mobile radio set according to claim 1, wherein a frequency to be used is detected, and a reactance component of said variable load is changed depending on a detected frequency.

3. The mobile radio set according to claim 1, wherein it is detected whether being in a standby state or a telephone call state, and a reactance components of said variable load is changed depending on a detected state.

4. The mobile radio set according to claim 1, wherein said first housing and second housing can be flip-open or closed, it is detected whether or not said housings are in an open state or in a closed state, and a reactance component of said variable load is changed depending on a detected state.

5. The mobile radio set according to any one of claims 1

to 4, wherein an active element such as varicap diode is employed as said variable load.